

ADDENDUM OF AMENDMENTS

IN THE SPECIFICATION:

Please change the paragraph beginning on page 10, line 24 to read as follows:

A method of positioning the connector on a coaxial cable is now described with reference to FIGS. 1 and 5. The end of a coaxial cable is prepared by exposing a central core portion including the center conductor 14, insulator core 20, and foil 18. The outer braid conductor 16 is folded over the end of the outer sheath jacket 22 (as depicted in FIG. 1). The prepared end of the coaxial cable can be inserted through the second opening of fastener member 28 such that the central core portion including the center conductor 14, insulator core 20, and foil 18 is inserted into the first inner cavity 34 of post member 26. Also, the outer portion of the cable including outer braid conductor 16 folded over the end of the outer sheath jacket 22 is received into the first outer cavity 36 through opening 38.

Please change the paragraph beginning on page 11, line 26 to read as follows:

Referring to FIGS. 7 - 13 and FIG. 21 which illustrate yet another alternative embodiment, the connector 110 includes a connector body 124, a post member 126, a fastener member 128, and a nut member 130 (fastener member 128A shown in FIG. 10, is an alternative embodiment of the fastener member 128 shown in FIG.

7, and has the structural characteristics and functions attributed to fastener member 128, and is included within the general description of "fastener member 128"). FIG. 7 shows the connector with the fastener member 128 in its first configuration, while FIGS. 12 - 13 and FIG. 21 show the connector 110 with the fastener member 128 in its second configuration.

Please change the paragraph beginning on page 12, line 19 to read as follows:

Referring to FIGS. 7 and 10, fastener member 128 (including 128A of FIG. 10), which preferably is formed of brass, includes a first inner bore 152 having a first diameter and a second inner bore 154 having a second diameter which is less than the diameter of the first bore. A ramped surface 156 is provided between the first and second bores. Fastener member 128 has a first opening 158 adjacent the first inner bore and a second opening 160 adjacent the second inner bore. A flared inner portion 162 is provided at the first opening to facilitate sliding of the fastener member along the connector body.

Fastener member [128] 128A also includes internal groove 150 adjacent first opening 158. As discussed above, this internal groove cooperates with detent 148 of the connector body to insure that the fastener member 128A is securely fastened to the connector body in its first configuration as shown in FIG. 7. Fastener member 128A may also include a notch 164 on its outer

annular surface for assembly line purposes. This notch is not critical to the operation of the connector.

The first inner bore 152 may be dimensioned so as to radially compress the connector body inwardly when the fastener member (128, including 128A) is in its first configuration. Alternatively, the first inner bore 152 may be dimensioned to simply provide a press fit between the fastener member and the connector body when the fastener member is in its first configuration. In any event, in both of these constructions, the detent 148 of the connector body and the internal groove 150 of the fastener member cooperate to insure that the fastener member is securely fastened to the connector body in its first configuration.

Claims 2, 10, 11 and 13 are amended as follows:

2. (Amended) A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said

compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

10. (Amended) A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly

engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined

diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

11. (Amended) A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the

second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall

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leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a tapered section formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

13. (Amended) A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said

compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.